Preliminary Amendment

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# Replacement Paragraph for the priority claim at page 1, lines 4-7

## **Related Applications**

This Application is a divisional of U.S. Application Serial No. 09/575,503, filed May 19, 2000, which claims priority to U.S. Provisional Application Serial No. 60/134,895, filed May 19, 1999, the entire disclosures of which are incorporated herein by reference.

## In The Claims

Please cancel claims 1-25 without prejudice. Please amend claims 26-27 and add new claims 30-38 as follows. A marked up version of the amended claims is attached at the end of this Preliminary Amendment.

- 26. (Amended) A method of treating a condition alleviated by the administration of interferonalpha, the method comprising the step of administering to a mammal a fusion protein that binds an Fc receptor expressed on a target cell, wherein the fusion protein comprises in an N- to C-terminal direction an immunoglobulin Fc region and an interferon-alpha protein, thereby to treat a condition in said mammal.
- 27. (Amended) A method of treating a condition alleviated by the administration of interferonalpha, the method comprising the step of administering to a mammal a multimeric protein comprising at least two fusion proteins, wherein the multimeric protein binds an Fc receptor expressed on a target cell, and wherein each fusion protein comprises in an N- to C-terminal direction an immunoglobulin Fc region and an interferon-alpha protein, thereby to treat a condition in said mammal.
- 30. (New) The method of claim 26, wherein the target cell is a liver cell.
- 31. (New) The method of claim 27, wherein the target cell is a liver cell.
- 32. (New) The method of claim 27, wherein the condition is a liver disorder.
- 33. (New) The method of claim 32, wherein the liver disorder is hepatitis.

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34. (New) The method of claim 26, wherein the immunoglobulin Fc region comprises an immunoglobulin hinge region.

- 35. (New) The method of claim 26, wherein the immunoglobulin Fc region comprises an immunoglobulin hinge region and an immunoglobulin heavy chain constant region domain.
- 36. (New) The method of claim 30, wherein the immunoglobulin Fc region comprises an immunoglobulin hinge region and an immunoglobulin CH3 domain.
- 37. (New) The method of claim 27, wherein the multimeric protein comprises at least two fusion proteins that are linked via a covalent bond.
- 38. (New) The method of claim 26, wherein the fusion protein is encoded by a nucleic acid molecule comprising:
  - (a) a signal sequence; (b) an immunoglobulin Fc region; and (c) an interferon-alpha sequence,

wherein the signal sequence, the immunoglobulin Fc region and the interferon-alpha sequence are encoded serially in a 5' to 3' direction.

### REMARKS

Applicants cancel originally filed claims 1-25 without prejudice. Applicants amend claims 26-27 and introduce new claims 30-38. Accordingly, after the entry of this Amendment, claims 26-38 will be pending for examination. Applicants submit that no new matter is introduced and that claims 26-38 are in condition for allowance.

### Amendments to the Specification

The specification is amended to include a specific reference to an earlier filed Application the benefit of which is claimed herein under 35 U.S.C. § 120.

Accordingly, Applicants submit that no new matter is introduced.

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